

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	"3656634"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 12:37
L2	1	("4518240").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 13:35
L3	2	("5348693" "4626307").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 13:35
L4	5	("5348693").URPN.	USPAT	OR	OFF	2006/03/29 13:36
S1	3	("5286573" "5348693" "5354414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:04
S2	17	("3932923"   "4196737"   "4323756"   "4361262"   "4575330"   "4752352"   "4814296"   "4847137"   "4863538"   "4880486"   "4945203"   "4961154"   "5002854"   "5015312"   "5037416"   "5094935"   "5174843").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 08:20
S3	46	("5354414").URPN.	USPAT	OR	OFF	2006/03/10 08:21
S4	13	conveyor with descend\$4 with step\$2 and print\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:13
S5	3	("4824306").URPN.	USPAT	OR	OFF	2006/03/10 10:09
S6	12	("2781887"   "2853177"   "3106315"   "3220158"   "3288331"   "4068766"   "4397599").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:09
S7	9	("2831586"   "3220158"   "3412843"   "3605377"   "4068766").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:12
S8	120	conveyor with descend\$4 with step\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:13
S9	107	S8 not S4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:19
S10	40088	("269").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:19
S11	847	S10 and conveyor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:21

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S12	2	S11 and collat\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:20
S13	96	S11 and pallet\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:44
S14	9271	vacuum with conveyor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:44
S15	275	vacuum with conveyor\$2 and collat\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:33
S16	346	vacuum with pallet\$2 and conveyor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 10:51
S17	29	("3313929"   "3443706"   "3506129"   "3638564"   "3877371"   "3957423"   "3987725"   "4063503"   "4068579"   "4256037"   "4561354"   "4646911"   "4813351"   "4903592"   "4998470"   "5048416"   "5050497"   "5054761"   "5090311"   "5092239"   "5135317"   "5160505"   "5245922"   "5259496"   "5261654"   "Re29206").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:08
S18	428	vacuum with registration and conveyor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:34
S19	434	vacuum with registration and conveyor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:34
S20	30	S19 and (silkscreen screen) adj print\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:37
S21	4319	vacuum and carrier and (silkscreen screen) adj print\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:37
S22	438	vacuum and carrier and conveyor\$2 and (silkscreen screen) adj print\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:52
S23	42	vacuum with chuck and conveyor\$2 and (silkscreen screen) adj print\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 11:52
S24	509	(264/401).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:20

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S25	40597	S10 S24	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:20
S26	0	S10 and S24	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:20
S27	426	(silkscreen screen) adj print\$4 and conveyor\$2 and pin\$2 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:21
S28	73	(silkscreen screen) adj print\$4 and conveyor\$2 and alignment with pin\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:23
S29	1236	(silkscreen screen) adj print\$4 and conveyor\$2 and base	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:23
S30	104	(silkscreen screen) adj print\$4 and conveyor\$2 and descend\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:35
S31	1946	(silkscreen screen) adj print\$4 and conveyor\$2 and step\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:35
S32	1946	(silkscreen screen) adj print\$4 and conveyor\$2 and step\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:39
S33	325	(silkscreen screen) adj print\$4 and conveyor\$2 and tray\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:51
S34	1	("3,911,593").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:44
S35	139	(silkscreen screen silk adj screen) adj print\$4 and conveyor\$2 and substrate with carrier\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:51
S36	18	("3279969"   "3294612"   "3388412"   "3427733"   "3973285"   "4069532"   "4177098"   "4352712"   "4383878"   "4503091"   "4528710"   "4540608"   "4592798"   "4650538").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 12:56
S37	2	("4793882").URPN.	USPAT	OR	OFF	2006/03/10 13:53
S38	252	conveyor\$2 with work adj (holder holding)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 13:54
S39	4	("3720162").URPN.	USPAT	OR	OFF	2006/03/10 14:59
S40	10	("0423069"   "2019537"   "2745339"   "3261289"   "3418926").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 15:00

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S41	13	("3321105"   "3709755"   "3813268"   "3816210"   "3904145"   "4019935"   "4314869"   "4441664"   "4853063"   "5011561"   "5250129").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/10 15:16
S42	4	("5650028").URPN.	USPAT	OR	OFF	2006/03/10 15:19
S43	1252	(425/174.4,375).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 08:49
S44	1068	(264/308).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/13 17:21
S45	2196	S43 S44	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/13 17:21
S46	21	("4906172").URPN.	USPAT	OR	OFF	2006/03/14 08:17
S47	1	("5518680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 08:41
S48	10	("20040265413"   "5157765"   "5633021"   "5740051"   "6056455"   "6073251"   "6164850"   "6169605"   "6357855"   "6375874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 08:47
S49	477	(425/471,472).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 08:49
S50	16	("1501162"   "1646145"   "1939478"   "2601341"   "2718662"   "2930271"   "2934384"   "3496822").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 08:57
S51	0	S50 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:02
S52	85051	("198").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:02
S53	3128	S52 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:03
S54	67	S53 and screen adj print\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:17
S55	6	("3199447").URPN.	USPAT	OR	OFF	2006/03/14 09:06
S56	120	S53 and circuit near4 board	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:17

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S57	142	S53 and circuit near4 board\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:17
S58	4	("4539479").URPN.	USPAT	OR	OFF	2006/03/14 09:19
S59	10	("3645581"   "3753484"   "3797889"   "3930643"   "3930684"   "3945505"   "3982627"   "4006563"   "4015880"   "4353160").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 09:20
S60	34	("3982627").URPN.	USPAT	OR	OFF	2006/03/14 09:21
S61	40108	("269").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:24
S62	7	S61 and shuffl\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:25
S63	6679	S61 and lateral\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:27
S64	118	S61 and lateral\$4 and row\$2 and column\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:33
S65	386	(re adj arrang\$4 rearrang\$4) with conveyor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:45
S66	2859	row\$2 and column\$2 and shuffl\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:46
S67	124	S66 and conveyor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:46
S68	125	S66 and conveyor\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:49
S69	8592	conveyor\$2 and (push\$4 slid sliding) with lateral\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:50
S70	4489	conveyor\$2 same (push\$4 slid sliding) with lateral\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:50
S71	2513	conveyor\$2 with (push\$4 slid sliding) with lateral\$4.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:36
S72	70	conveyor\$2 with (push\$4 slid sliding) with lateral\$4 same pallet\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 08:50
S73	7	("2500690").URPN.	USPAT	OR	OFF	2006/03/28 08:57

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S74	5	("2228236" "2303087" "2338839" "2409066" "2409951").PN.	USPAT	OR	OFF	2006/03/28 08:57
S75	5	("3951283").URPN.	USPAT	OR	OFF	2006/03/28 09:03
S76	6	("4134485").URPN.	USPAT	OR	OFF	2006/03/28 09:04
S77	7	("2630951"   "3601266"   "3603466"   "3669283"   "3837466"   "3951283").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:05
S78	7	("3589495"   "3625375"   "3656634"   "3731785"   "3894639"   "3905489"   "3951283").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:07
S79	5	("3951283").URPN.	USPAT	OR	OFF	2006/03/28 09:08
S80	5	("3951283").URPN.	USPAT	OR	OFF	2006/03/28 09:14
S81	3	brick\$2 with shuffl\$4	USPAT	OR	OFF	2006/03/28 09:15
S82	25	brick\$2 with rearrang\$5	USPAT	OR	OFF	2006/03/28 09:20
S83	26	("1922560"   "2702642"   "2771989"   "2966260"   "3392851"   "3589495"   "3601266"   "3656634"   "3695426"   "3716264"   "3893575"   "3905489"   "3917081"   "3939993"   "4036350"   "4040532"   "4068766"   "4161368"   "4178122"   "4427329"   "4669968").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:18
S84	221	brick\$2 with blend\$4	US-PGPUB; USPAT	OR	OFF	2006/03/28 09:21
S85	341	brick\$2 with blend\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:21
S86	4	("2246660").URPN.	USPAT	OR	OFF	2006/03/28 09:25
S87	9	("2672992"   "3090502"   "3095678"   "3538993"   "3656634").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:29
S88	7	("4068766").URPN.	USPAT	OR	OFF	2006/03/28 09:30
S89	12	("2781887"   "2853177"   "3106315"   "3220158"   "3288331"   "4068766"   "4397599").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:32
S90	187	conveyor\$2 with (push\$4 slid sliding) with lateral\$4 with row\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:36
S91	16	("2699264"   "2971659"   "2997187"   "3448867"   "3608746"   "3700127"   "3941236"   "4255074"   "4352616"   "4900219"   "5139388"   "5372472").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 09:49
S92	6	("5540545").URPN.	USPAT	OR	OFF	2006/03/28 10:09

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S93	0	10/754795	USPAT	OR	OFF	2006/03/28 10:09
S94	1	10/754795	US-PGPUB; USPAT	OR	OFF	2006/03/28 12:17
S95	489	screen adj print\$4 with array	US-PGPUB; USPAT	OR	OFF	2006/03/28 12:19
S96	1	screen adj print\$4 with array with simultaneous\$4	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:26
S97	103	screen adj print\$4 with array with layer\$3	US-PGPUB; USPAT	OR	OFF	2006/03/28 12:19
S98	490	screen adj print\$4 with magnet\$2	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:27
S99	6	screen adj print\$4 same magnet\$8 with conveyor\$2	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:28
S10 0	3780	magnet\$8 with conveyor\$2	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:29
S10 1	599	magnet\$8 with conveyor\$2 with (secur\$5 hold\$4 align\$8)	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:30
S10 2	45	magnet\$8 with pallet\$8 with (secur\$5 hold\$4 align\$8) and conveyor\$2	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:33
S10 3	88	magnet\$8 with pallet\$8 same conveyor	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:36
S10 4	0	("3595373").URPN.	USPAT	OR	OFF	2006/03/28 13:34
S10 5	8	("2017044"   "2623802"   "2640580"   "2841433").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 13:34
S10 6	5	magnet\$8 with (align\$5) same pallet\$8 same conveyor	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:38
S10 7	1282	magnet\$8 with (align\$5) and conveyor	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:38
S10 8	83	magnet\$8 with (align\$5) and conveyor and pallet\$2	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:39
S10 9	62	magnet\$8 with clamp\$4 and conveyor and pallet\$2	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:44
S11 0	65	magnet\$8 same clamp\$4 same pallet\$2	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:45
S11 1	9335	screen adj print\$4 and magnet\$8	US-PGPUB; USPAT	OR	OFF	2006/03/28 13:45
S11 2	529	screen adj print\$4 and magnet\$8 with hold\$4	US-PGPUB; USPAT	OR	OFF	2006/03/28 16:45
S11 3	1069	(264/308).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 16:45

## EAST Search History

S11 4	8	("2872326"   "3092504"   "3432328"   "3549784").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 16:53
S11 5	8	("4293513").URPN.	USPAT	OR	OFF	2006/03/28 16:53
S11 6	4	("5204055"   "5340656"   "5387380"   "5490882").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 16:59
S11 7	10	("5697043").URPN.	USPAT	OR	OFF	2006/03/28 17:00
S11 8	1398	(264/401,308).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 10:54
S11 9	31	S118 and remov\$5 with negative	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 11:19
S12 0	0	S119 and screen adj print\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 11:19
S12 1	5	S118 and screen adj print\$4 and negative	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 11:20